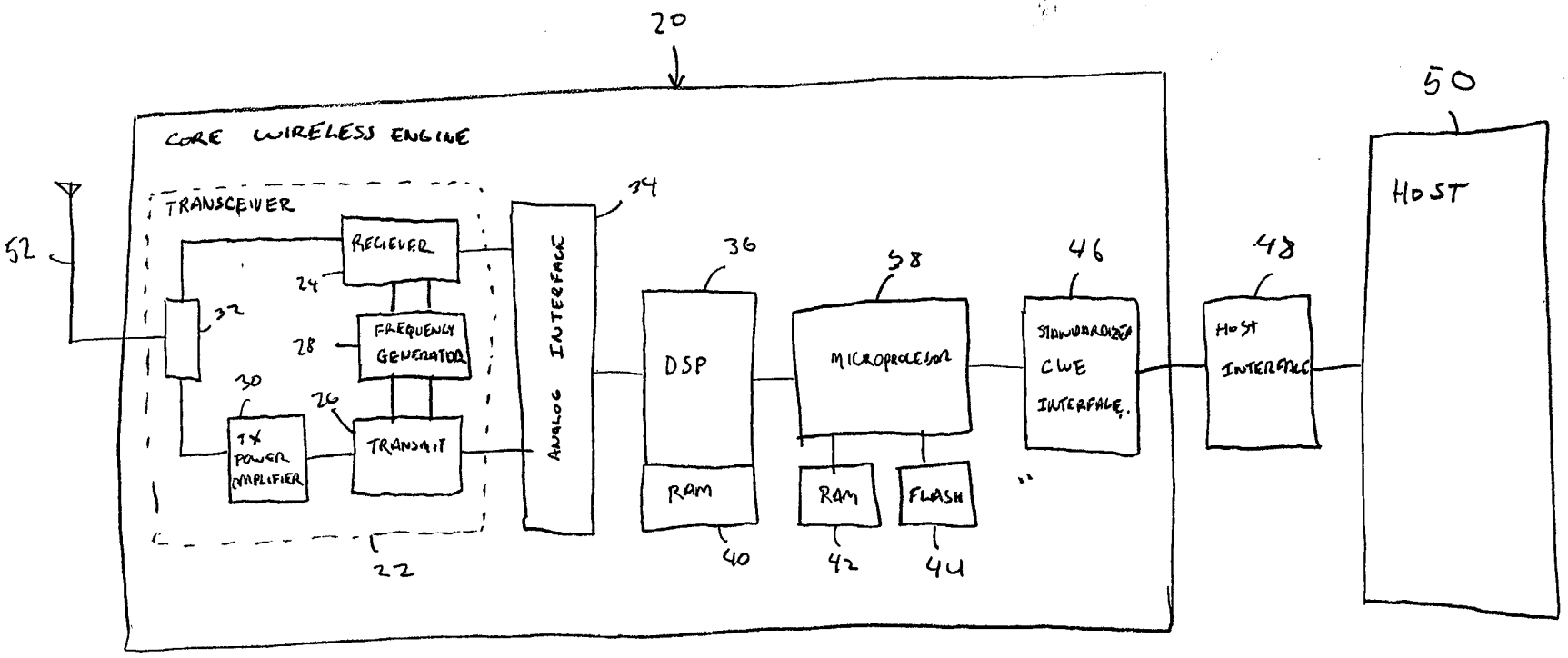

FIGURE 1

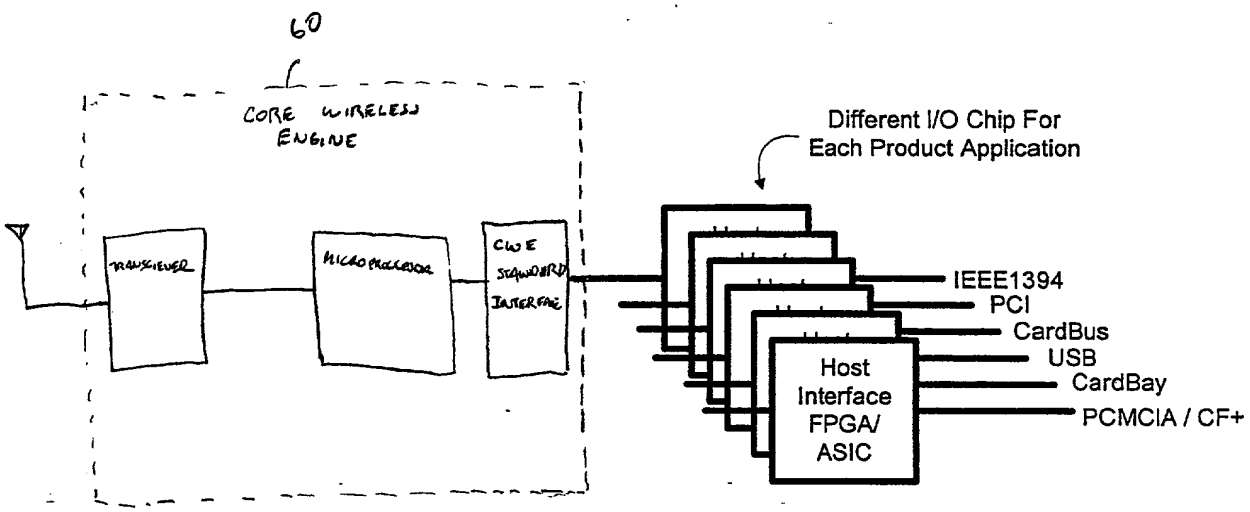
60
CORE WIRELESS ENGINE
TRANSCEIVER
MICROPROCESSOR
CWE SEQUENCER INTERFACE
Different I/O Chip For Each Product Application
Host Interface FPGA/ ASIC
IEEE1394
PCI
CardBus
USB
CardBay
PCMCIA / CF+

FIGURE 2

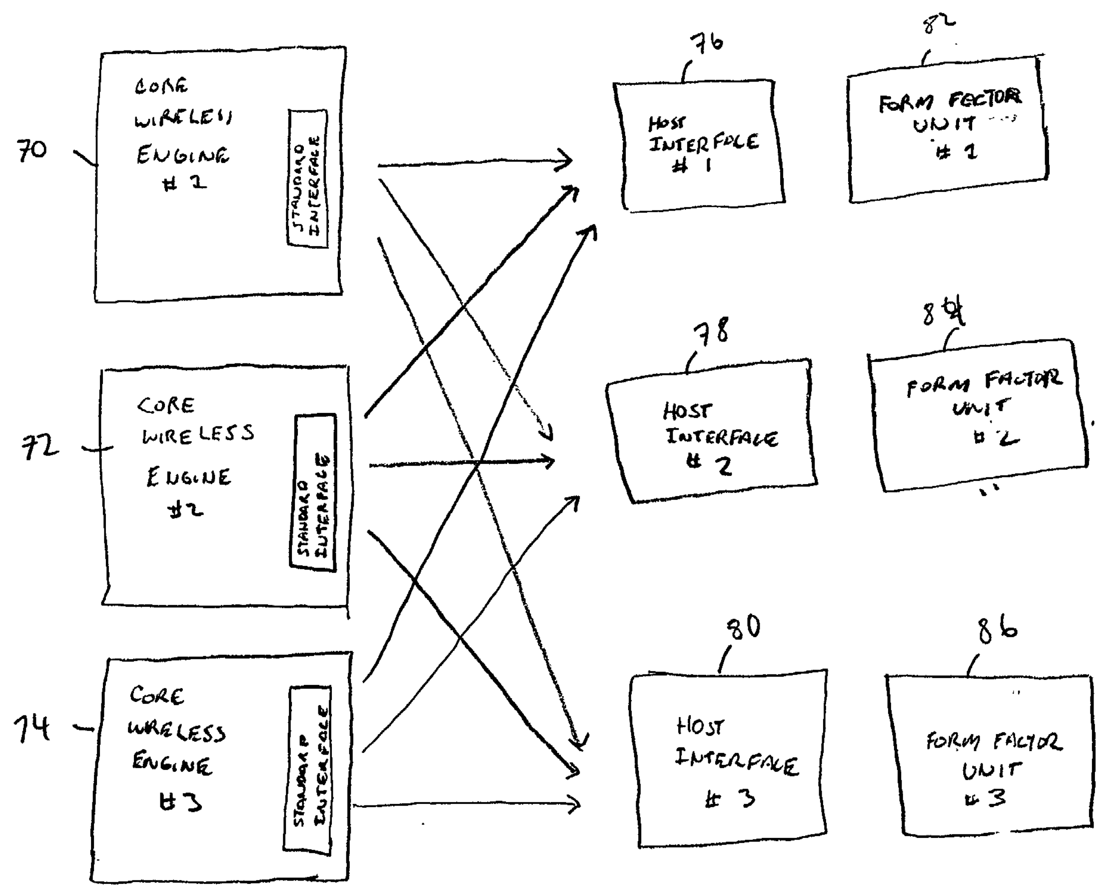
CORE WIRELESS ENGINE # 1
STANDARD INTERFACE
CORE WIRELESS ENGINE #2
STANDARD INTERFACE
CORE WIRELESS ENGINE #3
STANDARD INTERFACE
HOST INTERFACE # 1
HOST INTERFACE # 2
HOST INTERFACE # 3
FORM FACTOR UNIT # 1
FORM FACTOR UNIT # 2
FORM FACTOR UNIT # 3
70
72
74
76
78
80
82
84
86

FIGURE 3

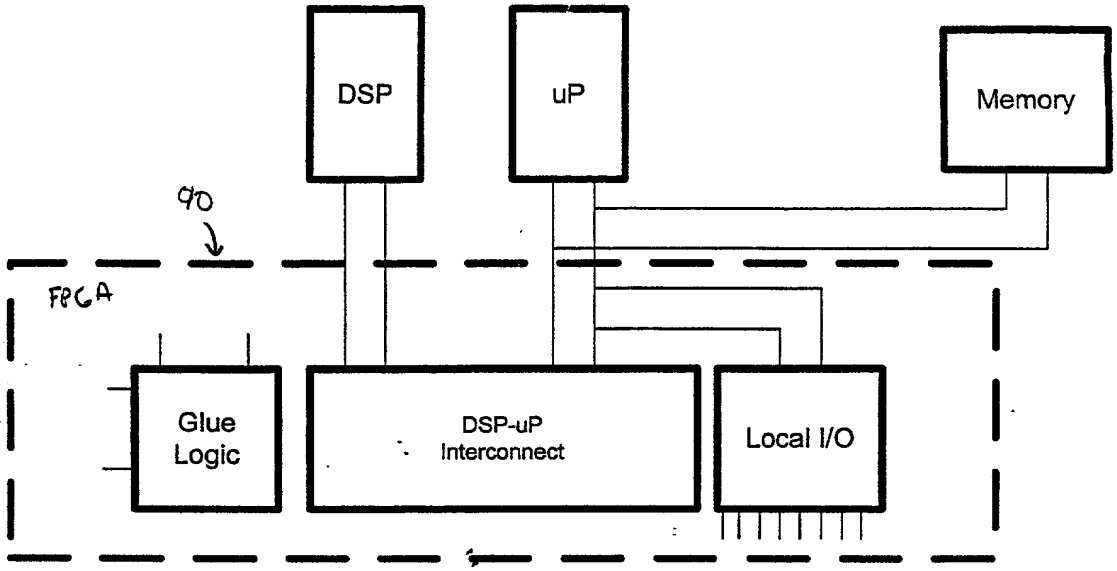

FIGURE 4A

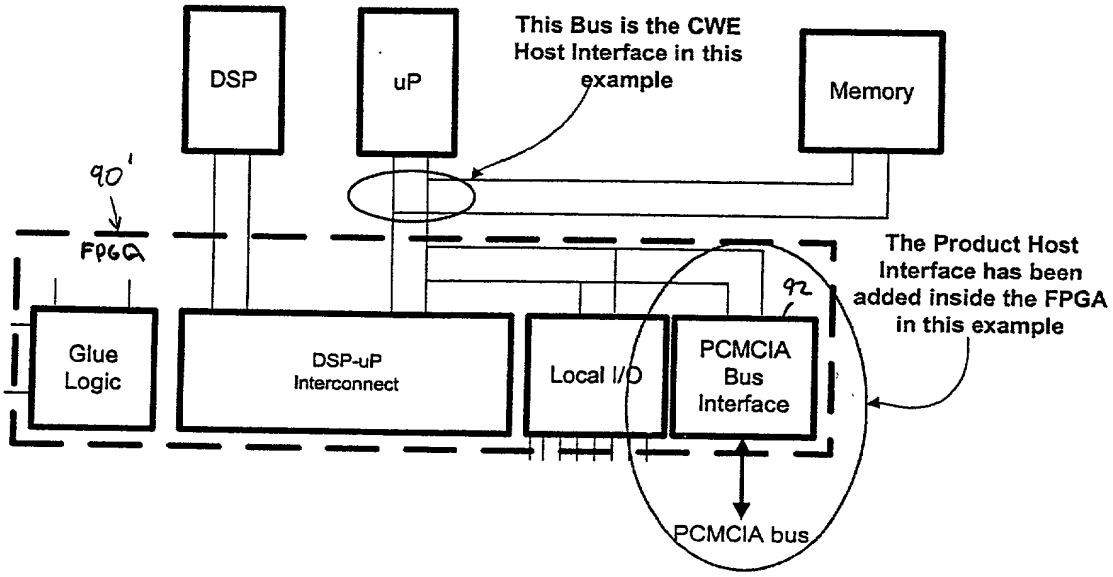

FIGURE 4B

Registers Visible to CWE MCU across CWE Host Interface

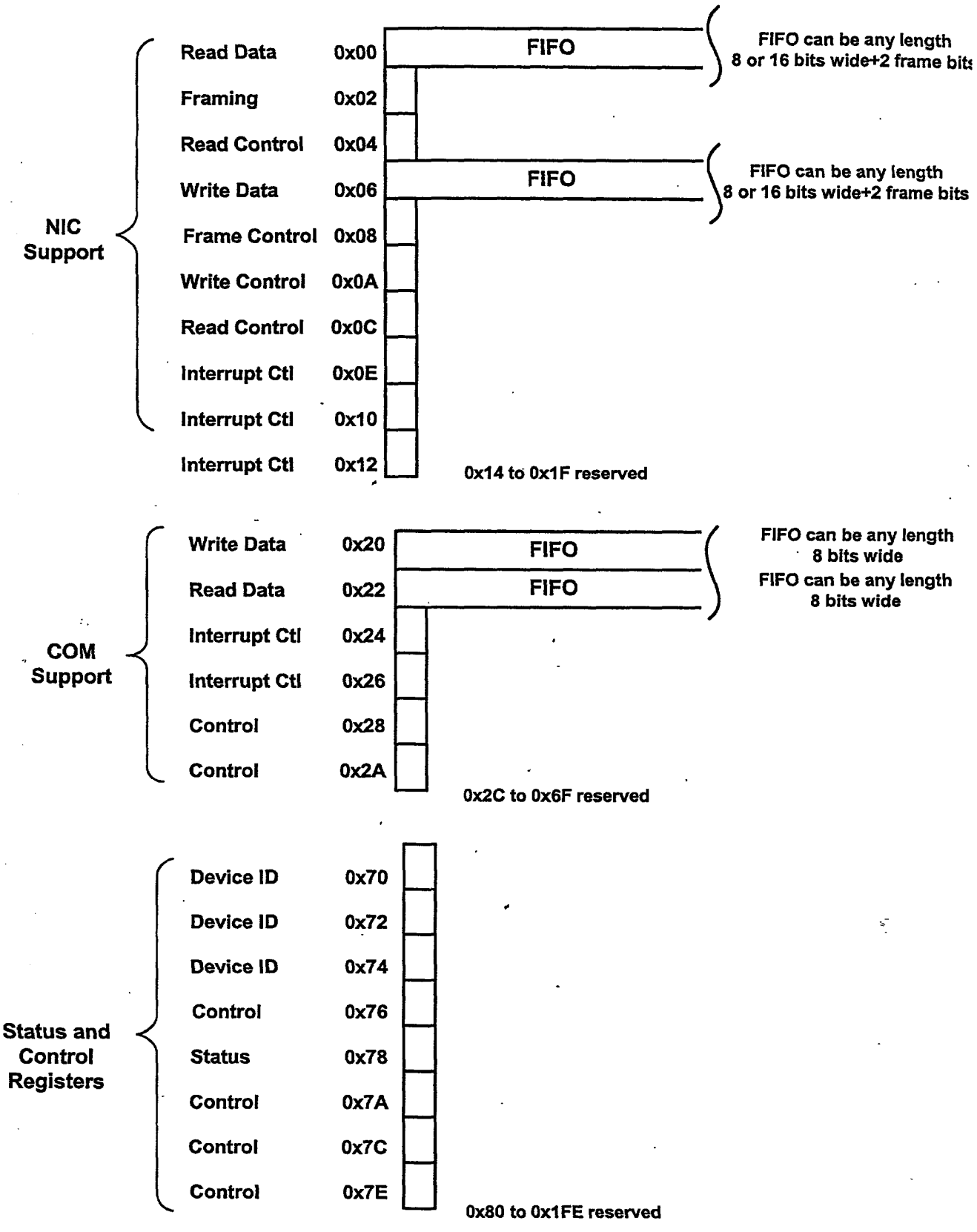

FIGURE 5

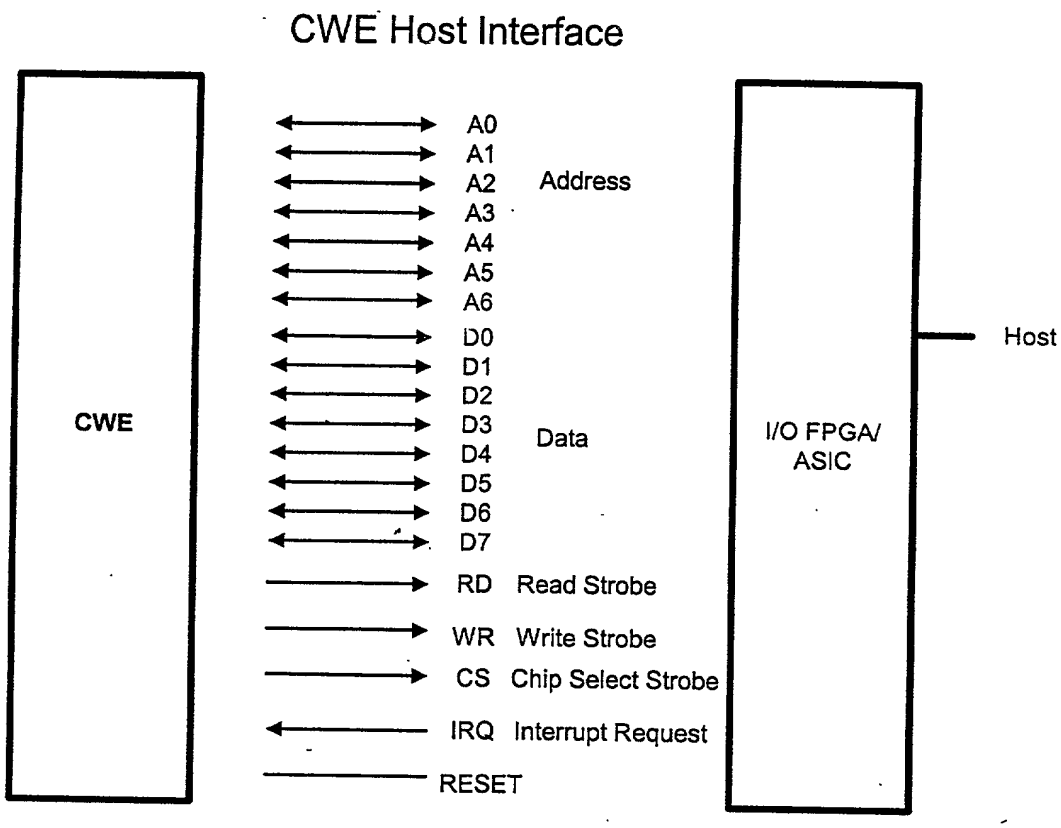

FIGURE 6

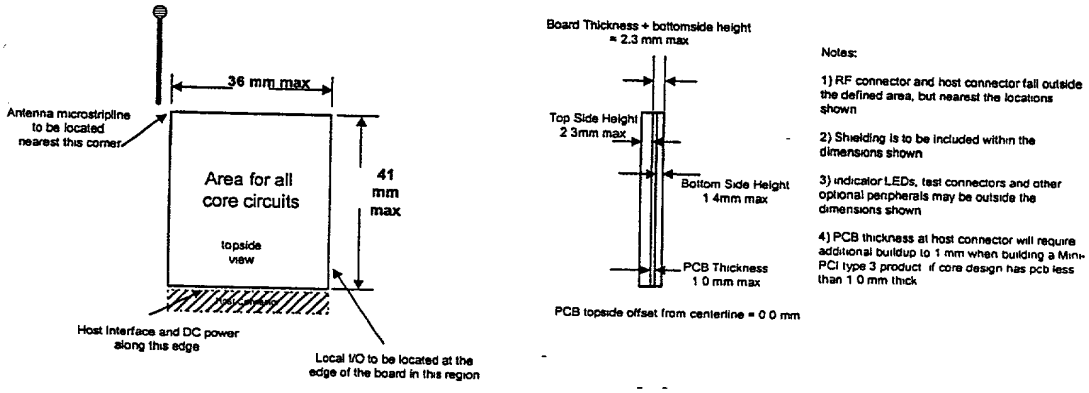

FIGURE 7

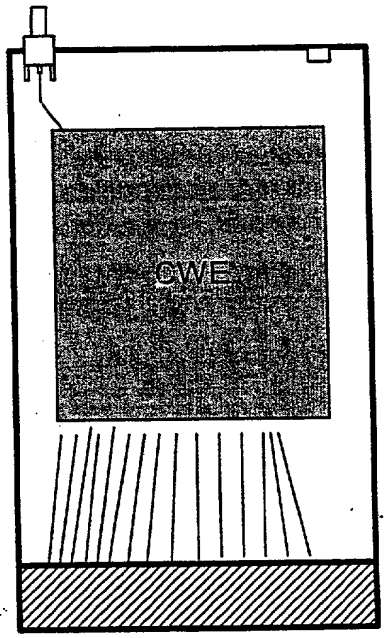

FIGURE 8A

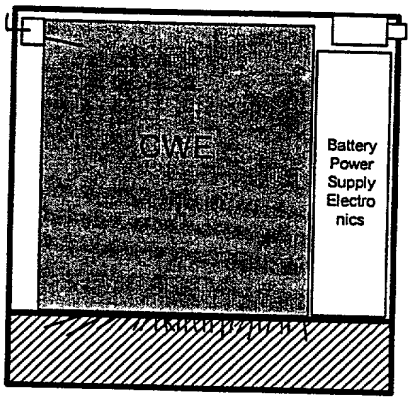

FIGURE 8B

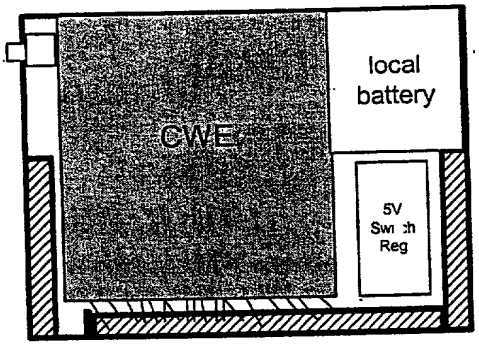

FIGURE 8C

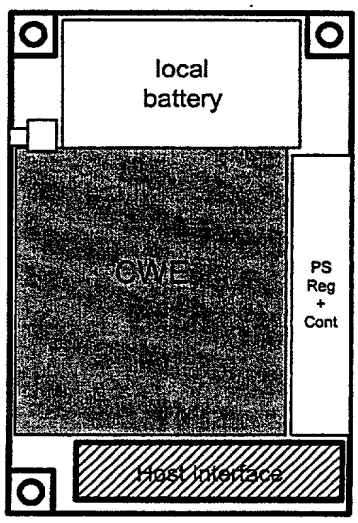

FIGURE 8D

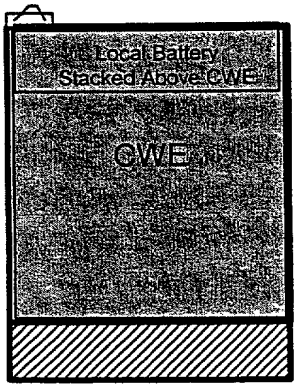

FIGURE 8E

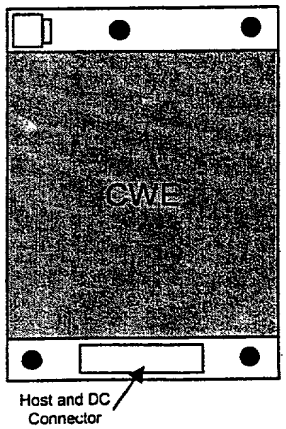

FIGURE 8F